

FILE 'REGISTRY' ENTERED AT 09:21:40 ON 07 NOV 2008

L1 STRUCTURE UPLOADED

L2 13 S L1

L3 168 S L1 SSS FULL

FILE 'HCAPLUS' ENTERED AT 09:23:06 ON 07 NOV 2008

L4 2 S L3

=> file registry
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 09:21:40 ON 07 NOV 2008
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STRUCTURE FILE UPDATES: 6 NOV 2008 HIGHEST RN 1071288-19-1
DICTIONARY FILE UPDATES: 6 NOV 2008 HIGHEST RN 1071288-19-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

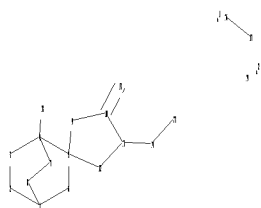
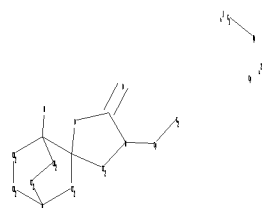
Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\10563271generic.str



```

chain nodes :
13 14 16 17 18 19 23
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12
chain bonds :
4-18 10-13 11-14 14-23 16-17
ring bonds :
1-2 1-6 1-8 2-3 3-4 4-5 4-7 5-6 5-9 5-12 7-8 9-10 10-11 11-12
exact/norm bonds :
1-2 1-6 1-8 2-3 3-4 4-5 4-7 5-6 5-9 5-12 7-8 9-10 10-11 10-13 11-12
11-14 14-23 16-17
exact bonds :
4-18

```

G1:O,S,N

G2:[*1],[*2]

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:Atom 16:CLASS 17:Atom 18:CLASS 19:Atom 23:CLASS

```

Generic attributes :

14:
Saturation : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System : Monocyclic
17:
Saturation : Unsaturated
19:
Saturation : Unsaturated

L1 STRUCTURE UPLOADED

=> s l1

SAMPLE SEARCH INITIATED 09:22:06 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 39 TO ITERATE

100.0% PROCESSED 39 ITERATIONS 13 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 406 TO 1154
PROJECTED ANSWERS: 44 TO 476

L2 13 SEA SSS SAM L1

=> d l1 sss full

L1 HAS NO ANSWERS

'SSS FULL ' IS NOT A VALID STRUCTURE FORMAT KEYWORD

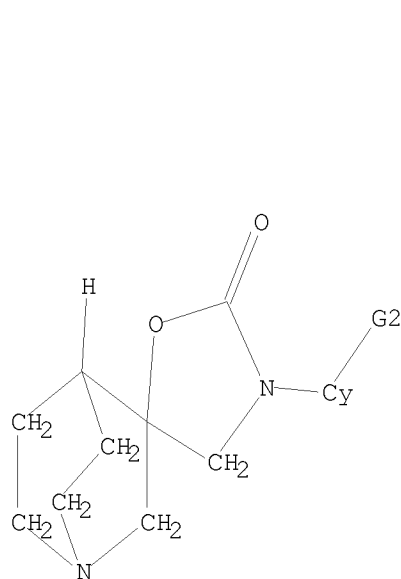
ENTER STRUCTURE FORMAT (SIM), NOS:scan

'SCAN' IS NOT A VALID STRUCTURE FORMAT KEYWORD

ENTER STRUCTURE FORMAT (SIM), NOS:

ENTER STRUCTURE FORMAT (SIM), NOS:sim

L1 STR



G1 O, S, N

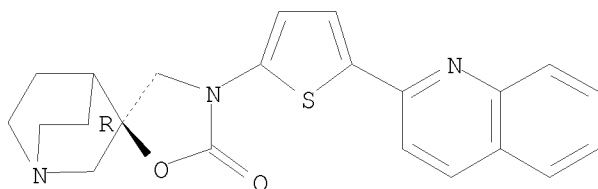
G2 [@1], [@2]

Structure attributes must be viewed using STN Express query preparation.

=> d l2 scan

L2 13 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Spiro[1-azabicyclo[2.2.2]octane-3,5'-oxazolidin]-2'-one,
3'-[5-(2-quinolinyl)-2-thienyl]-, (3R)-
MF C22 H21 N3 O2 S

Absolute stereochemistry.

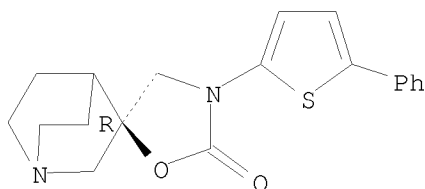


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

L2 13 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Spiro[1-azabicyclo[2.2.2]octane-3,5'-oxazolidin]-2'-one,
3'-(5-phenyl-2-thienyl)-, (3R)-
MF C19 H20 N2 O2 S

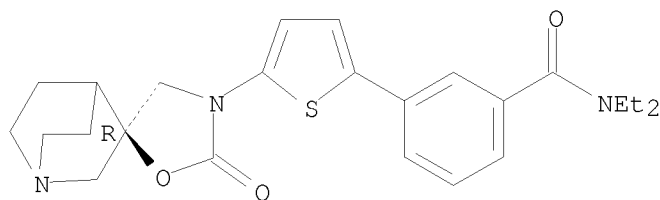
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 13 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Benzamide, N,N-diethyl-3-[5-[(3R)-2'-oxospiro[1-azabicyclo[2.2.2]octane-
3,5'-oxazolidin]-3'-yl]-2-thienyl]-
MF C24 H29 N3 O3 S

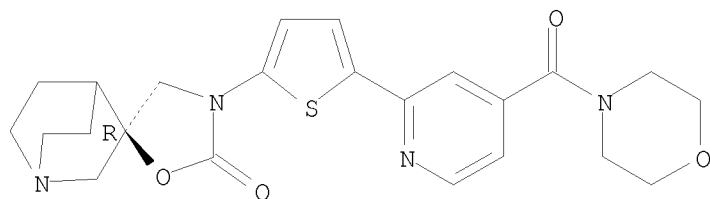
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 13 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Spiro[1-azabicyclo[2.2.2]octane-3,5'-oxazolidin]-2'-one,
 3'-[5-[4-(4-morpholinylcarbonyl)-2-pyridinyl]-2-thienyl]-, (3R)-
 MF C23 H26 N4 O4 S

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l1 sss full
 FULL SEARCH INITIATED 09:23:02 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 753 TO ITERATE

100.0% PROCESSED 753 ITERATIONS 168 ANSWERS
 SEARCH TIME: 00.00.01

L3 168 SEA SSS FUL L1

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	178.82	179.03

FILE 'HCAPLUS' ENTERED AT 09:23:06 ON 07 NOV 2008
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FILE COVERS 1907 - 7 Nov 2008 VOL 149 ISS 20
FILE LAST UPDATED: 6 Nov 2008 (20081106/ED)

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3

L4 2 L3

=> d l4 1-2 ti bas bib

'BAS' IS NOT A VALID FORMAT FOR FILE 'HCAPLUS'

The following are valid formats:

ABS ----- GI and AB
ALL ----- BIB, AB, IND, RE
APPS ----- AI, PRAI
BIB ----- AN, plus Bibliographic Data and PI table (default)
CAN ----- List of CA abstract numbers without answer numbers
CBIB ----- AN, plus Compressed Bibliographic Data
CLASS ----- IPC, NCL, ECLA, FTERM
DALL ----- ALL, delimited (end of each field identified)
DMAX ----- MAX, delimited for post-processing
FAM ----- AN, PI and PRAI in table, plus Patent Family data
FBIB ----- AN, BIB, plus Patent FAM
IND ----- Indexing data
IPC ----- International Patent Classifications
MAX ----- ALL, plus Patent FAM, RE
PATS ----- PI, SO
SAM ----- CC, SX, TI, ST, IT
SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;
 SCAN must be entered on the same line as the DISPLAY,
 e.g., D SCAN or DISPLAY SCAN)
STD ----- BIB, CLASS

IABS ----- ABS, indented with text labels
IALL ----- ALL, indented with text labels
IBIB ----- BIB, indented with text labels
IMAX ----- MAX, indented with text labels
ISTD ----- STD, indented with text labels

OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

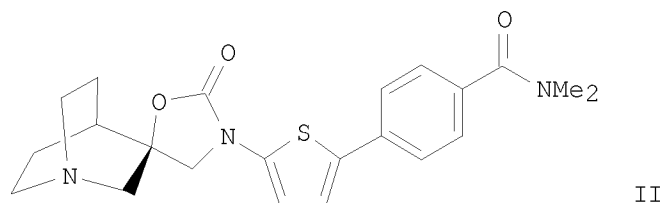
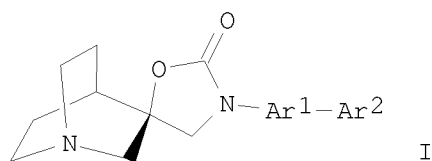
HIT ----- Fields containing hit terms
HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
 containing hit terms

HITRN ----- HIT RN and its text modification
 HITSTR ----- HIT RN, its text modification, its CA index name, and
 its structure diagram
 HITSEQ ----- HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
 FHITSTR ----- First HIT RN, its text modification, its CA index name, and
 its structure diagram
 FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
 KWIC ----- Hit term plus 20 words on either side
 OCC ----- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field
 codes. For a list of the display field codes, enter HELP DFIELDS at
 an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST;
 TI,IND; TI,SO. You may specify the format fields in any order and the
 information will be displayed in the same order as the format
 specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR,
 FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC
 to view a specified Accession Number.
 ENTER DISPLAY FORMAT (BIB):ti abs bib

L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2008 ACS on STN
 TI Preparation of spiro-oxazolidinone compounds as nicotinic acetylcholine
 receptor ligands
 GI



AB Title compds. I [Ar1, Ar2 = 5- or 6-membered aromatic or heteroarom. moiety
 having 0,1 or 2 nitrogen atoms, 0 or 1 oxygen atoms, and 0 or 1 sulfur
 atoms; wherein Ar1 is unsubstituted or has 1, 2 or 3 substituents selected
 from alkyl, alkenyl, alkynyl, etc. and Ar2 is unsubstituted or has 1, 2 or
 3 substituents selected from -CONR1R2, -NR1COR2; R1, R2 = H, alkyl, or
 -NR1R2 in combination is -(CH2)_jG(CH2)_k-; G = bond, oxygen, sulfur, etc.;
 j = 2-4; k = 0-2] or stereoisomers, enantiomers, in vivo hydrolysable
 precursors and pharmaceutically acceptable salts thereof were prepared For

example, Pd(PPh₃)₄ catalyzed coupling reaction of 4-(N,N-dimethylaminocarbonyl)phenylboronic acid with 2,5-dibromothiophene followed by reaction with (3S)-spiro[1-azabicyclo[2.2.2]octane-3,5'-oxazolidin]-2'-one afforded compound II. Compds. I are claimed useful as nicotinic acetylcholine receptor ligands for the treatment of anxiety, schizophrenia, etc. (no data).

AN 2006:608651 HCAPLUS <<LOGINID::20081107>>

DN 145:83311

TI Preparation of spiro-oxazolidinone compounds as nicotinic acetylcholine receptor ligands

IN Chapdelaine, Marc; Chang, Hui-Fang; Herzog, Keith J.; Horchler, Carey; Phillips, Eifion

PA Astrazeneca AB, Swed.

SO PCT Int. Appl., 44 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006065209	A1	20060622	WO 2005-SE1909	20051213
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	AU 2005317280	A1	20060622	AU 2005-317280	20051213
	CA 2591430	A1	20060622	CA 2005-2591430	20051213
	EP 1831231	A1	20070912	EP 2005-819091	20051213
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	JP 2008524208	T	20080710	JP 2007-546605	20051213
	MX 200706743	A	20070709	MX 2007-6743	20070606
	IN 2007DN04472	A	20070831	IN 2007-DN4472	20070612
	US 20080113983	A1	20080515	US 2007-721481	20070612
	KR 2007090922	A	20070906	KR 2007-713375	20070614
	NO 2007003551	A	20070801	NO 2007-3551	20070709
	CN 101124232	A	20080213	CN 2005-80048394	20070815
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	US 2005-643319P	P	20050112		
	WO 2005-SE1909	W	20051213		

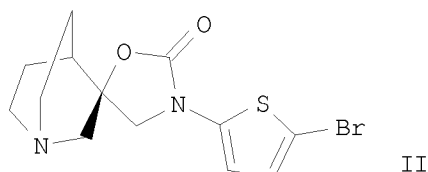
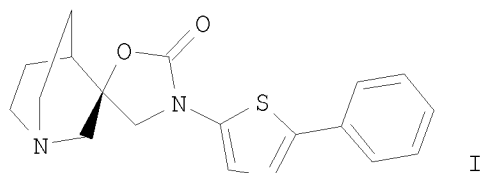
OS MARPAT 145:83311

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2008 ACS on STN

TI A preparation of derivatives of oxazolidinone with affinity to the α 7-nicotinic acetylcholine receptor

GI



AB The invention relates to a preparation of derivs. of oxazolidinone of formula Q-X-A-Y [wherein: Q is spiro(azabicyclooctanoxazolidinone) derivative; A is O, S, or NH, etc.; X is 5- or 6-membered heterocycle; Y is 5- or 6-membered (hetero)aromatic ring] with affinity to the $\alpha 7$ -nicotinic acetylcholine receptor. For instance, oxazolidinone derivative I was prepared via phenylation of II by phenylboronic acid. The compds. of the invention were screened in $\alpha 7$ nAChR subtype affinity assay and showed binding affinities (K_i) of less than 1000 nM.

AN 2005:58211 HCAPLUS <<LOGINID::20081107>>

DN 142:155977

TI A preparation of derivatives of oxazolidinone with affinity to the $\alpha 7$ -nicotinic acetylcholine receptor

IN Chang, Hui-Fang; Phillips, Eifion

PA Astrazeneca AB, Swed.; Astrazeneca UK Limited

SO PCT Int. Appl., 77 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2005005435	A1	20050120	WO 2004-GB2904	20040706
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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	AU 2004255920	B2	20080515		
	CA 2531510	A1	20050120	CA 2004-2531510	20040706
	EP 1654264	A1	20060510	EP 2004-743249	20040706
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	CN 1829721	A	20060906	CN 2004-80021849	20040706
	BR 2004012382	A	20060919	BR 2004-12382	20040706
	JP 2007516200	T	20070621	JP 2006-518343	20040706
	US 20060154945	A1	20060713	US 2006-563271	20060104

MX	2006PA00231	A	20060411	MX	2006-PA231	20060105
NO	2006000612	A	20060406	NO	2006-612	20060208
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WO	2004-GB2904	W	20040706			

OS CASREACT 142:155977; MARPAT 142:155977

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT